

USE OF A REMOTE CONTROL WITH A DEVICE
HAVING A BUILT-IN COMMUNICATION PORT

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ABSTRACT

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A signal from a remote control is used to operate a
10 device having a built-in communication port and a built-in
microprocessor, even though the port does not normally
recognize the signal. Specifically, even if the port flags
an error during decoding of information from the remote
control signal, the microprocessor ignores the error and
15 uses the decoded information in the normal manner.
Therefore, the microprocessor recognizes a pattern formed at
the communication port by a signal emitted by the remote
control, e.g. to identify a button on the remote control
that has been pressed. During the recognition process, the
20 port flags one or more errors (such as framing error, parity
error), and such errors are ignored by the microprocessor.
Programming the microprocessor to ignore errors from the
port allows the device to operate with signals in a format
different from the format normally recognized by the port.
25 When use of the remote control is completed, the device may
be returned to normal operation, wherein erroneous
information is rejected.